

L17 ANSWER 7 OF 122 HCPLUS COPYRIGHT 2002 ACS
AN 2001:192658 HCPLUS
DN 134:210397
TI High-energy and lightweight mixed gas
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CODEN: CNXXEV
DT Patent
LA Chinese
IC ICM C10L003-00
CC 51-11 (Fossil Fuels, Derivatives, and Related Products)
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI CN 1260382	A 20000719	CN 1999-113407	19990108	

AB The gas is prep'd. by mixing low-carbon hydrocarbons and lightwt. gas with additive. The ratio of low-carbon hydrocarbon to light gas is (65-95):(5-35), and the addn. of the additive is 0.5-5%. The additive is composed of ester or alc. compd. 50-70%, and ketone or **aldehyde** or/and ether or/and nitromethane or/and 1,2-dichloropropane, CS₂ and ferrocene 30-50%. The relative d. of the mixed gas is 0.78-0.88, and its heat value 49.8-52.4 mPa kg-1.

ST fuel gas hydrocarbon additive
IT Fuel gases
(high-energy and lightwt. mixed gas)
IT Fuel additives
(high-energy and lightwt. mixed gas having)
IT Alcohols, uses
Aldehydes, uses
Esters, uses
Ethers, uses
Hydrocarbons, uses
RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
(high-energy and lightwt. mixed gas having)
IT 75-15-0, Carbon disulfide, uses 75-52-5, Nitromethane, uses 78-87-5, 1,2-Dichloropropane 102-54-5, Ferrocene
RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
(high-energy and lightwt. mixed gas having)